

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



JANUARY 22, 1890.

Land and

Issued Every Week.

\$1.00 a year, in advance.
Single copy 5 cents.

Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

WALWORTH & CO.,
BALTIMORE, MD.

Children Need As a Cathartic,

ONLY mild aperients—harsh, drastic, purgatives being liable to weaken the bowels. In nearly all cases where opening medicine is needed, **Ayer's Pills** are the best, their sugar-coating making them not only easy but pleasant to take.

"I have found Ayer's Cathartic Pills to be a better family medicine for common use than any other within my knowledge. They are not only efficient but safe and pleasant to be taken—qualities which must make them valued by the public."—Jules Hauel, Perfumer, Philadelphia, Pa.

"Ayer's Pills are highly and universally spoken of by the people about here. I make almost daily use of them in my practice."—Dr. I. E. Fowler, Bridgeport, Conn.

"For several years I was subject to constipation, suffering much inconvenience therefrom, in spite of the use of various medicines. At last I began taking

Ayer's Pills are unrivaled, immediately becoming the favorite wherever used. For malarial poisons, there is no more effective antidote.

"After suffering eight years from chills and fever, with only occasional intervals of rest of a few days at a time, I was cured by Ayer's Pills alone. My case had resisted continuous treatment with the usual doctors' prescriptions and a great number of proprietary medicines; but under the influence of Ayer's Pills the chills and fever ceased, my liver and stomach were restored to healthy action, and my usual good health returned. Without exaggeration, I will say that Ayer's Pills cannot be excelled as a remedy for a disordered system caused by malarial poisons."—S. L. Barrow, Gordon, Texas.

"During the past three months our city has been scourged with yellow fever. Many friends and neighbors have been taken from us. In several cases, Ayer's

Ayer's Pills

Pills, and they have corrected the constive habit."—Rev. F. B. Harlowe, Atlanta, Ga.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

broke the attack of the fever, and saved the patient's life."—James M. Crofut, Beaufort, S. C.

Sold by all Druggists and Dealers in Medicine.

R. J. BAKER.

R. J. HOLLINGSWORTH.

R. J. BAKER & CO'S

PURE FINE GROUND RAW BONE, GROUND AS FINE AS MEAL.

Ammonia 4½ to 5 per cent. Bone Phosphate of Lime 50 to 55 per cent.

R. J. Baker & Co's Pure Dissolved Raw Bone.

THE BEST SUPER-PHOSPHATE FOR WHEAT.

Practical tests by farmers for several years give entire satisfaction. Good for all Crops.

Ammonia 3 to 4 per cent. Available Bone Phosphate 28 to 32 per cent.
Use 300 to 400 lbs. per acre.

No. 1 DISOLVED RAW BONE FOR WHEAT.

SOUTH CAROLINA DISSOLVED BONE PHOSPHATE FOR WHEAT.

An excellent article for manipulating, containing from 27 to 30 per centum DISSOLVED BONE PHOSPHATE OF LIME in bags of 200 and barrels of 300 lbs.

R. J. BAKER & CO'S BONE SUPER-PHOSPHATE FOR WHEAT.

Average analysis; Ammonia 2 to 3 per cent. Available Bone Phosphate of Lime 18 to 30 per cent. Potash 1 to 2 per cent, in bags of 200 lbs. Use 400 to 600 lbs. per acre.

R. J. Baker & Co's Bone and Potash.

Ammonia ½ to 1 per cent. Bone Phosphate 30 to 35 per cent. Use 400 to 600 lbs. per acre.

R. J. BAKER & CO.,

Factory, Locust Point.

No. 40 S. CHARLES ST., Baltimore, Md.



DEVOTED TO
Agriculture, Horticulture, Live Stock and Rural Economy.

Farmers and Planters Guide

TO THE BUSINESS HOUSES OF BALTIMORE.

—0—

AGRICULTURAL IMPLEMENTS.

GRIFFITH, TURNER & CO., 205 and 207 N. Paca St., Baltimore, Agricultural Implements, Garden and Field Seeds and Fertilizers.

E. WHITMAN, SONS & CO., No. 27 East Pratt Street, Baltimore. See adver.

M. J. COAN, 124 Light St., near Pratt St. formerly of 509 West Pratt St., having bought the old Sinclair seed and Implement Store, will continue that business, and is in shape to fill all orders for repairs for machines bought of R. S. Sinclair.

BEST SEEDS.

J. BOLGIANO & SON, Dealers in Seeds only. 28 S. Calvert Street, Baltimore, Md. Send for Illustrated Catalogue.

BOILERS, ENGINES, PUMPS, &c.

THOS. C. BASSHOR & CO., 28 Light St., Manufacturers and Dealers in Boilers, Engines, Pumps, &c. Wrought Iron Pipes, Steam Fittings, Brass Work, Steam and Water Heating.

CIVIL ENGINEER.

SIMON J. MARTENET, Surveyor and Civil Engineer, No. 208 Lexington Street. All kinds of Surveying, Mapping, Engineering of Roads, &c. Having been connected with City work, Surveying within the City is a specialty. Publisher of Maps of Maryland.

DRUGGISTS.

LILLY, ROGERS & Co., Wholesale and Retail Druggists. Goods sold at the lowest rates. No extra charge for packing or shipping. Open all night.

Furniture, Carpets, &c.

J. F. ROHLEDER, Furniture, Carpets, Clocks, Window Shades, Picture Frames, &c., 1034 Light Street, near Cross St. Market. Repairs done at shortest notice.

FERTILIZERS.

THE CHESAPEAKE GUANO CO., prepare and sell Chesapeake Guano, Potash, Phosphate and Dissolved Bone Phosphates, 21 P. O. Ave.

H. S. MILLER & CO., 202 & 206 Buchanans Wharf, foot Frederick Street. Pure Animal Bone Fertilizers.

PURE FERTILIZING GOODS can be found at SLINGLUFF & CO'S, No. 300 W. Fayette Street. Manufacturers of Standard Phosphates.

FRUITS, &c.

HENRY BROS. & CO., Shipping and Commission Merchants, importers and dealers in Foreign Fruits, No. 108 East Pratt Street. Pine Apples, Bananas, Cocoanuts, Oranges, &c., &c. Put up for shipping at the shortest notice.

Lamps, Oils, &c.

JAS. B. MACNEAL & CO., 34 South Calvert Street, Manufacturers and Dealers in Burning, Machinery and Animal Oils &c.

Let us have your orders.

Job Printing of every description—good work—low prices—prompt service—at the MARYLAND FARMER Printing Office.

LUMBER.

L. A. PAGE, Lee street, near Light street wharf, dealer in Hard Wood and Building Lumber, Sash, Doors, Blinds, &c.

MARBLE WORKS.

HUGH SISSON & SONS, Importers, Dealers and Manufacturers of Monuments, Tomb Stones and Mantles, Building Work in Marble. Sales-Room No. 210 E. Baltimore Street.

MEN'S FURNISHINGS.

CLINE BROTHERS, Shirt Dealers and Men's Furnishers. Immense line of 50c Scarfs of which we make a specialty. Our 90c "Ivory" Shirt beats them all. No. 304 W. Baltimore, near Howard St., Baltimore, Md.

MILL FURNISHING.

B. F. STARR & CO., Corner of North and Centre Sts., Baltimore. Baltimore Mill Furnishing Works.—Manufacturers of Mill Stones, Smut Machines, Portable Mills, Pulleys, Gear-ing, etc. Importers and Dealers in Bolting Cloths and General Mill Furnishings.

MUSICAL.

H. R. EISENBRANDT, Musical Instruments and Strings. Pianos and Organs. Brass Band and Drum Corps Outfits. 424 E. Baltimore Street, Baltimore, Md.

NURSERIES.

FRANKLIN DAVIS & CO., Baltimore Nur-saries; N. E. Cor. Baltimore and Paca streets, Fruit and Ornamental Trees, Shrubs, &c. Catalogue sent on application.

CLAIRMOUNT & FURLEY HALL NUR-SERIES, Baltimore Co. Wm Corse & Sons, office 415 Second st. adjoining post office. P. O. Box 408, Baltimore, Md. Largest stock of Shade and Ornamental Trees in the State, extensive stock of all kinds of large and small fruits, vines, hedge plants, &c. 340 acres.

PATENTS.

MANN & CO., Attorneys, No. 302 East Baltimore St., cor. North, procure patents for inventions. Trade marks Registered at patent office under U. S. Law. Send for Circular.

PLUMBING.

D. G. ADELSBERGER, No. 419 North Howard St., Baltimore City, Md. Practical Mechanic, Engineer and Draughtsman, builder of Pumps, Plumbing, &c., Water Works by Natural Flow, Wind or Steam Power, and Hydraulic Rams.

PHOTOGRAPHERS.

N. H. BUSEY, Artist and Photographer, 112 N. Charles St. Mr. Busey's productions have a world wide reputation, and as he has now reduced his prices, an opportunity is afforded to secure very fine work at very low prices.

STATIONERS.

GUGGENHEIMER, WEIL & CO., Manufacturing Stationers, Lithographers and Printers. No. 109 E. Baltimore St. Factory, cor. Liberty and Lombard Sts. Blank Book makers and Wedding Card Engravers.

SILVER PLATING.

HOLMES BROS. & CO., manufacturers of Fine Silver Plated Ware. Nickle Plating and Brass Polishing, Repairing and Re-Plating a specialty. 220 North Holliday street

TRUNKS, VALISES, &c.

JAS. B. McELROY, No. 3 Saratoga St., near Charles, Manufacturer of Trunks, Valises, Traveling Bags, Ladies Satchels, &c. Trunks made to order. Repairing and Covering a Specialty. All Work done at the Shortest Notice.

WATCHMAKERS.

C. W. BLAKE, No. 227 North Charles Street, under Masonic Temple, Baltimore, Watchmaker & Jeweler, and Dealer in Watches, Jewelry, Silver and Albeta Wares. ~~and~~ Agent for King's Spectacles and Eye Glasses. Attention given to repairing Watches, Jewelry and Plated Ware

WINDOW SASHES, &c.

GEORGE O. STEVENS, 119 Light street, Window Sashes, Blinds, Doors, Frames, Mouldings, Stair Rails, Posts, Ballusters, Brackets, &c. The best work at lowest prices. Send for Catalogue.

ONLY \$20

HIGH ARM,

PHILAD'A

SINGER.



**WARRANTED
5 YEARS.**

15 DAYS TRIAL.

Has Self-setting Needle, self-threading shuttle, is noiseless and light-running, has the handsomest wood-work, and finest set of extra attachments. Don't pay agents \$55 or \$60; send for circular.

THE G. A. WOOD CO.
17 N. 10th St., Phila., Pa.



Will & Party, D. C. M. & Co., Publishers.
DEVOTED TO
Agriculture, Horticulture, Live Stock and Rural Economy.

THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII. BALTIMORE, January 23, 1890. No. 4.

For The Maryland Farmer.

VARIOUS INTERESTS:

Potatoes—Chickens & Ducks.

Feeding.

Disposal of Produce.

We are frequently asked questions which it is very desirable to have answered in a satisfactory manner from someone who has done the work and can give intelligently his personal experience.

For example;—A friend inquires what crop will be profitable for me to cultivate on such and such land? And how shall I cultivate it to make it profitable? What manure shall I use, or, what special fertilizer is best all things considered?

This seems to be the general drift of the questions from many different sources. All say, that while certain lines of farming have ceased to be profitable from a money point of view; they nevertheless believe

that farming can be made largely remunerative.

Believing this, then their question as to the different crops and desire to know in detail all the best methods of producing them, in order to see what it is best to attempt.

POTATOES.

One was confident that potatoes was the great crop for the redemption of the farmer; but he wished to know every particular as to its cheapest fertilization and cultivation. So the conversation developed about the following facts.

The soil should be reasonably deep for potatoes and the plow should run as deeply as the soil will allow, without turning up the barren subsoil.

Barn yard manure is not a very good fertilizer for potatoes. They grow rough and scabby and are worm eaten when this is largely used.

Mark off the rows and use either leached

or unleached ashes in the rows. Draw a narrow rake once or twice in the row to mix the ashes with the soil.

Let the seed, cut to two eyes, be dropped about a foot apart in the row on the mixed soil and ashes—about 50 bushels of the ashes being thus used to the acre.

Cover the seed by running a plow on one side of the row and then wait for the appearance of the sprouts.

When the sprouts have very generally made their appearance, run the plow on the opposite side of the row from that used in covering the seed, and cover up all these sprouts.

Then sprinkle along these covered rows a little more ashes, say 10 bushels, and leave it on the top of the ground.

After this let the crop grow and cultivate from time to time to destroy the weeds and keep the soil light, only being careful to very slightly elevate the ground along the rows.

This elevation may be more in a rather wet season, than in a dry one.

Of course, due attention must be paid to the insects which would destroy the vines.

Herein is given the experience which has produced with us the very best crops of potatoes ranging in the neighborhood of 350 bushels and over to the acre.

It is best to calculate whether this work would be profitable and to what extent. Each one can make the calculation by considering the cost in his own locality and the markets.

CHICKENS AND DUCKS.

Lately considerable canvassing has been done in reference to the comparative profit between the raising of chickens and ducks.

If ducks' eggs were in as great demand as those of chickens, it is conceded that ducks would be the most profitable.

In the Boston market ducks are conceded to be more profitable than chickens;

but in our market it is feared the people have not as yet been educated in this direction.

Ducks' eggs here cannot be used to advantage—they are too large. Housekeepers do not take to them very readily even at the same price as chicken's eggs.

And yet they are excellent and the prejudice against them should be destroyed.

FEEDING.

Prices have arrived at that condition when it would seem best to raise on the farm, only so much of those cereals as can be used on the farm as food—food for either man or beast.

Other crops are more valuable than the cereals in a profit sense and at the same time can be made of greater profit, by labor, on a much smaller area of land. It becomes therefore a fact that no more grain should be raised than can be used for feeding purposes on the farm.

DISPOSAL OF PRODUCE.

This leads naturally to the thought that produce in grain can be most profitably used by giving it to stock and then selling the stock on the foot.

Every species of grain has fallen to such a price, that it can be raised profitably only by turning it into stock of some kind.

Beef cattle, however, are affected by the "trust" manipulations, and pork continues at a very low figure.

Sheep pay better; but horses with a little care as to breed are decidedly the stock at present for the farmer. Let him turn his produce in this direction as far as possible and the result will be better than to sell it otherwise.

STOCK FOR THE FARM.

Address any of this list of Breeders and Dealers and you will find a prompt answer if you mention the Maryland Farmer. We believe every one of them to be reliable.

—Editor Md. Farmer.

Reid Brothers, English Shires, Clydesdales, Shetland Ponies. Janesville, Wis.

Geo. F. Davis & Co Originators Victoria Swine. Stock for sale. Dyer, Ind.

E. H. Smith, Standard bred Horses, Fancy Pigs and Poultry. Salem, N. J.

J. C. & D. Pennington. Registered Jersey Cattle. Paterson, N. J.

W. E. Pendleton, Choice Yorkshire Swine. Agt. New London, Conn.

For the Maryland Farmer.

STOCK ON THE FARM, VIII.

I have not been giving you my regular article for some weeks back, because like many others I have been "under the weather," and had also a touch of the "Gripe." I will try to make it all right however before the year ends.

Let me congratulate you first of all upon the fact that you come every week instead of only once a month. In January I shall get five numbers, a pretty good start for the new year.

Then I see you are giving your readers a much larger amount of reading than when you came only once a month. I hope you will find it profitable to continue this large amount of reading. I for one shall endeavor to send you a number of subscribers as my appreciation of your efforts.

But this is not writing about Stock, and I have agreed to write on this subject. I want to say something in this article concerning

SHEEP.

Many parts of Maryland are just the

lands best adapted to sheep raising, while many other parts need sheep more than anything else to bring the land into a decent condition for green crops.

Sheep are profitable stock. Only one other animal can compete with it among quadrupeds and that is the horse. But the horse requires some years of labor and care before anything is realized, and then all during that time he is especially liable to accidents.

The profit from sheep is continuous, and usually within the year will turn a hundred per cent on the investment. Wool and lambs are both always in demand.

Of course there is a sheep "trust," just as there is a beef trust; but notwithstanding the farmer gets only 4½ cents for his mutton, it pays much better than either beef or pork.

By the way I never can write or speak of sheep without my mind running upon dogs. The mongrel dog, the cur, the precious dog, the noble New Foundland even, all think that mutton is particularly toothsome.

This is the greatest drawback to the keeping of sheep; but even this can be overcome by judicious management. It is to be hoped that some enterprising man of political influence will legislate these sheep killing dogs out of the State.

We sometimes hear that were it not for the tariff on wool, sheep raising would not be at all profitable. I don't care how much tariff there may be placed upon wool; but such talk as that is nothing but "gabble." The carcass alone would bring a profit, and whatever the wool might bring would be additional profit.

No one need to be prevented from going

into sheep keeping for fear that the tariff on wool may be withdrawn.

Sheep are superior to other stock in one particular. They improve the land which feeds them. They eat of course, but the land from which they gather their living grows richer every day while they grow fat upon it.

There is risk in every pursuit and in every branch of business. In this as little as in any. The diseases are few and the pests in connexion with sheep are easily overcome. The tick and the grub, foot-rot and scab comprise about all of the serious troubles aside from the dog pest.

Accepting all the risks I am confident that the business can be made much more profitable than any other stock on the farm. It will require a reasonable degree of attention, and the profit as in any commercial pursuit will depend largely upon the amount of attention given it.

No occupation can give much if it is not given attention and labor and nothing pays better for the amount of labor bestowed than sheep husbandry.

NISBET.

HOT WATER INCUBATOR.

The best in the Market.

Hammonton Style.

No. 75. Regular Price \$18.

Our Price \$15.

Complete and Perfect.

Now is the time to commence work.

May be seen at

Maryland Farmer Office

27 E. Pratt st., Baltimore, Md.

A SENSIBLE SUGGESTION.

The Third Assistant Postmaster General in his last report recommends the reduction of postage so as to have a uniform rate of 1c for every 2oz. or fraction

thereof. Thus making letters, circulars, merchandize, etc., all one rate and doing away with 1st, 3rd, and 4th class matter.

He proposes to let the rate to publishers on 2nd class matter remain at 1c a pound.

How much trouble this would save the public and the P. O. Department.

CALENDAR OF GEMS.

JANUARY.

By her who in this month is born
No Gem save Garnets should be worn,
They will insure her constancy,
True friendship, and fidelity.

The new postage stamps of Spain represent Alfonso XIII., the three year old King. This means a good deal of licking for the young man.

TO SELL FARMS.

Send us a description as follows:

1. Location and how to reach it—distance from Baltimore.
2. Nearest R. R. station, or Steamboat landing, or both.
3. Number of acres.
4. What kind of soil. Sandy, clay, or mixed.
5. What kinds of woodland, and how much.
6. Condition of dwellings and outbuildings.
7. State of improvement—fences, fruit, grass, drinking water, &c.
8. Does it reach navigable water, and for what class of vessels?
9. Price and terms of payment—cash—exchange for city property.
10. Any other items—crops, stock, &c.

The cost will be light—never more than agent's charges—(for advertising, time, &c.) and only to be asked in case a customer is secured. No unnecessary publicity will be given.

Address MARYLAND FARMER,

BALTIMORE, MD.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER
AND
NEW FARM.

Agriculture, Live Stock and Home Life.

**Oldest Agricultural Journal in Maryland and
for ten years the only one.**

27 E. PRATT STREET,
BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

TERMS OF SUBSCRIPTION

\$1.00 a year in advance.
1.50 if not paid until the end of the year.

RATES OF ADVERTISING.

\$1.00 an inch, 12 lines nonpareil, each insertion.
Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12
Advertisements to be inserted once a month
are subject to the same discount.
Covers, p. 2 add 30, 3 add 25, 4 add 50.
Special location, on any page, 20 per cent extra.

No reading notices free.

Reading notices twice the price of advertisements.

ISSUED EVERY WEEK.

PETER HENDERSON.

This name has for many years been a household word in all farmers homes throughout our country. His services in introducing new and improved varieties of vegetables would alone entitle him to the remembrance and gratitude of the people. He was, however, a public spirited citizen and an enterprising man. He died 10.30 A. M., Jany. 17—of LaGrippe and Pneumonia. His loss will be felt through the whole length and breadth of our land.

Having made such arrangements that we can supply any of our readers with facilities for procuring homes, either in the city or in the country, we would ask that they make their wants known to us.

The wide range over which this magazine extends will enable us to gather information from Maine to California, and to meet almost every case without cost to you.

DOGS, DOGS, DOGS.

Our exchanges seem to be giving no quarters to dogs. The useless, mongrel curs are the detestation of every enterprising farmer and the curse of the country. That the agricultural press should be outspoken on the subject is no wonder. Better that they should be legislated out of existence, than to remain as now an almost total obstruction to one of the best industries of our farms, viz: Sheep husbandry.

THE FARMERS LEAGUE.

Since the issue of last week, after looking over the situation and noting the proceedings of our legislature, and the very little that seems to be for the benefit of our farming community, we more than ever see the great need of a farmer's political organization.

We do not mean an organization which shall begin *de novo* to form a distinct party; but an organization which shall exist within the old parties, composed of members of the old parties, but working together for the interests of farmers.

Other organizations are all good as far as they go; but they fail just where they are most needed—to enforce useful legislation. It is a folly to suppose that farmers can ever become really prosperous without using the ballot judiciously for the enactment of laws as are necessary to that end.

It is high time that politics should be something more than an aspiration for office on the part of professional politicians. Farmers must teach the fact that politics

belongs to the prosperity of every family and has that for its object.

We hope The Farmers League may widen and spread throughout our land, until it comprises all the farmers who have enterprise enough to know that they can wield a power in our legislative halls which will bless them in their homes.

For particulars in reference to the Farmers League see last weeks Md. Farmer.

WORK WHICH PAYS.

In your neighborhood, receiving their mail at your post office are—farmers. It will be very easy to procure a good list of subscribers among them and your part of the cash will be a good premium for your pleasant labor. Many a young lady, many a lad has realized \$10 in a single week's work obtaining subscriptions and had most of the time for other work, only using spare time for this. If you wish to work, write us for terms and sample copies and send us the names of all the farmers you wish to visit and we will send them sample copies to prepare the way for you. Write the name of the post office plainly as well as the names of the farmers.

If you do not wish to work, send the name of some one who does.

FAST WALKERS.

Fast walkers are always in demand and farmers are urged in a stereotype way to see to it that their colts are trained from their very earliest days so to walk.

Why colts only? Should not he train himself and his children in the same desirable quality? Should he not see that he hires help who are fast walkers? Of all things to try ones patience nothing surpasses the sight of a slow, loitering

walker, when you have sent on a hurried message or something is needed for immediate use in the field.

A FEW POINTS.

To secure a large number of subscribers, we would post those who are so kindly laboring for us, and those also who are hesitating whether to enter the field or not. To the latter we would say, many make from \$3 to \$4 a day and you can do so, if you choose. The points to urge are, that the Md. Farmer is a live paper, always advocating the farmers' best interests; it comes every week for \$1 a year; it costs less than two cents a week; it gives in the course of the year a large amount of valuable reading; it is independent, outspoken, both in its correspondence and its editorials; it has never missed a single issue since its establishment and is now in its 27th year; it is in magazine form and an ornament for the home; it is the only weekly in this State devoted to Agriculture; it is careful as to its advertisements. It will pay you to subscribe.

Farms For Sale.

40 Acre Fruit Farm, 1600 to 1800 Peaches, 150 Apples, 75 Pears, 25 Wild Goose Plums, Nectarines, Cherries, all in bearing. 2 acres Blackberries, $\frac{1}{2}$ acre Strawberries & Raspberries, 1000 Grape vines. Good dwelling, barns, etc., splendid soft water. Best loamy soil. A pleasant and delightful home, near E. New Market, Md. Only \$2000.—Title perfect.

500 Acres, White Hall, 2 miles from Farmington Landing on the Potomac River, P. G. Co., Md.—Large old fashioned farm house. Fine view up and down the river. Good soil for wheat, corn, tobacco, grapes and vegetables. Land slopes from dwelling on high hill to creek below. Fine marl bed on property—title perfect. A great bargain \$7,000 cash.

Address MARYLAND FARMER.

FERNS.

Good use is made of an odd corner in the green house by planting out a few ferns for cutting. These may be either on the bench or underneath it, but it is preferable to grow them on the bench, as they are better under control, and the fronds are stiffer and have more substance than those grown beneath, where the light is less distinct. In growing ferns for this purpose it is best to plant them in a comparatively stiff soil, as the fronds thus grown are harder, and consequently stand better after they are cut. In the treatment of the strong growing ferns, a writer in Garden and Forest suggests that an occasional watering with liquid manure of medium strength will be found beneficial after the plants become pot bound, tending to keep up the rich green of the fronds, but unless the plant is quite pot bound it is just as well without any special feeding, and if the drainage of the pot is defective it is very easy to overdo the application of stimulants in this manner. Probably the best manure to use for the above is cow dung, it being not so likely to injure the roots, though at all times discretion should be used in its application. It is useless to give liquid manure to a weak, over potted fern in the hope of inducing it to break into growth, and it should be remembered that this liquid should never be given to a fern while it is very dry, else more harm than good will result.

DARK STABLES.

The pupil of a horse's eye is enlarged by being kept in a dark stable; he has a harness put on him and is suddenly brought out into glaring sunlight, which contracts the pupil so suddenly as to cause extreme pain. By persevering in this very foolish and injudicious, as well as cruel, practice, the nerve of the eye becomes impaired, and if continued long enough loss of sight will ensue. To see how painful it is to face a bright light after having been in the dark, take a walk some dark night for a short time till the eyes become used to the darkness, then drop suddenly into some well lighted room, and you will scarcely be able to

When anyone tells you that Farmers should not meddle with politics, mark that man for he will certainly need close watching.

see a few moments in the sudden light. You know how painful it is to yourself, then why have your horses repeatedly bear such unnecessary pain? asks Field and Farm.

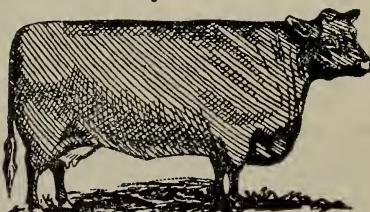
THINK THIS OVER WELL

"Every cow kept for butter will keep a sow and pigs," says Mirror and Farmer. "The skim milk and buttermilk form a basis for healthy feed, and if given a run in the pasture or in the orchard the litter of pigs in the fall will bring nearly as much as the housewife has made from her butter."

Howard's Dairymen, commenting on the above, says: "Yes, that will be the case, provided enough additional food is fed the sow and pigs to give them a healthy and rapid growth. This trying to get more out of food than there is in it is what disappoints in the end. If a man would think a little on the above absurd proposition he would see that the cow would be lessening the amount of skim milk she could give each month, while the sow and pigs were growing and making demands for additional food. And if they did not get it they would either stop growing or die, or do both. The only way we know of to get pork for nothing is to steal it."

RED POLLED CATTLE.

Although it may be said with some degree of truth that the red polled breed of today is the result of a selection, and may thus be declared to be a comparatively modern breed, there can be no doubt that the red polled is traceable back at least 150 years.



RED POLLED COW DOLLY.

In earlier times this breed was known as the Suffolk polled and they were then

small. Their characteristic was, however, that which distinguishes the best red polls of today; for they were milkers of great staying power, giving milk rich in butter fats, with a goodly proportion of caseine, rather than cattle which produced a heavy flow of milk of medium quality and then dried quickly.

The efforts of the earliest breeders were directed to the improvement of the fattening quality of the Suffolk, with the retention of the breed's valuable milk and butter producing characteristics. To the Royal Agricultural Society of England belongs the credit of determining what should henceforth be deemed the true representation of the East Anglian polled cattle. It was not until 1863 that any very definite regulations regarding color, as one of the qualifications of this breed, were laid down.

Since about 1840 the red polled have been developed into much heavier stock without any addition to the useless lumber of the carcass. The fifty stone of old days have been increased to eighty and even ninety stone for steers. The live weight of bulls has occasionally considerably exceeded a ton.

In the cut is shown a cow that had, in England, an almost unbeaten record.

SMALL FRUITS.

Standard Varieties Among the Small Fruits—Profits in Currant Culture—Advice About the Setting Out of Young Plants—Raspberries and Blackberries.

The currant repays the patient waiter well. A good bush, the third year, ought to yield five pounds of fruit, which, in most markets, will bring eight to ten cents per pound. There are few sections where the market is ever overstocked with this fruit. As 2,700 plants may be set upon an acre, it will be seen that the chances for profit are good. The standard varieties of currants are La Versailles, or Cherry, Victoria and Fay. One need not go beyond these, unless it be to try experimentally some of the newer sorts, or to adorn the table with an admixture of the beautiful White Grape. La Versailles is larger and has handsomer clusters than the old Red Dutch, and is the best general market currant, but manufacturers of jellies prefer and will pay more for the latter.

See that your sheep have a comfortable shed, with the best of litter, and perfectly dry under foot—it will pay.

In raspberries and blackberries, the fruit catalogues give a wide range of choice. For a black cap raspberry, the the Gregg has as yet probably no rival, while the big, firm, bright hued Red Antwerp still remains the favorite among the reds.

Of blackberries, the Lawton is an old favorite, while Kittatinny and Wilson, Jr., are the best of the newer ones. No mistake can be made in choosing any of these three.



KITTATINNY BLACKBERRIES.

In setting young plants, there is a tendency with beginners to retain too much of the old growth. They like to have the plants show well from the first, and sometimes labor under the delusion that by leaving the old wood the time of bearing is hastened. While one of this season's canes left on a transplanted bush may be able to throw out a few fruit spurs next year, it will be a sickly attempt, and will postpone the time when the plant, if properly treated, would give a good return. All the old wood should be cut back to the length of six inches, leaving just enough to show the location of the roots, which are the only things of importance to us. Thus all the strength of the roots will go toward forming new wood of vigorous growth, which will be the fruit bearing canes of the second season.

American Garden, authority for the foregoing, advises that the ground be prepared as for any other crop, by manuring, plowing and harrowing, or by digging with the spading fork; then

mark out lines at proper distances and set the plants carefully, spreading out the young and fibrous roots and filling in and compacting fine soil about them. Gooseberries should be six feet apart each way. Currants may be a little closer, giving a foot less of space between them. Raspberries in rows six feet apart, with three feet between them in the row. Blackberries need a foot more than this each way. Grapes, if trained to stakes and closely pruned, may be eight feet apart.

In our cut is represented a cluster of Kittatinny blackberries, greatly reduced in size.

A \$2,500 HOUSE.

The rear extension of this house was the previous residence of its owner, containing but two rooms, and was put in the present position to answer the purpose of kitchen and pantries--the roof, etc. being entirely new to correspond with the new house.



VIEW.

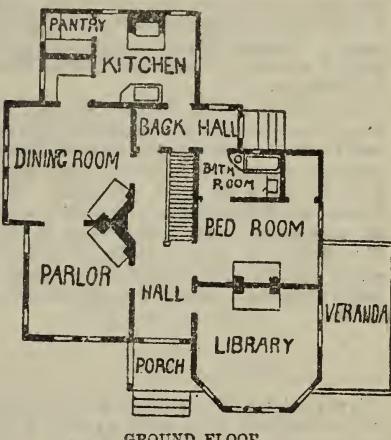
The rooms on the first floor have all open fireplaces, each being provided with a neat ash mantel. The library is an excellent room, with good front and side views, and the veranda is reached in an easy manner by windows from this room, making it a pleasant retreat in hot weather.

There is a variety of outline in the exterior of this house which cannot fail to give a picturesque and pleasing appearance to the whole. The chamber above library projects slightly beyond the face of the octagon bay, and the peculiar manner in which the sides are supported is odd, but gives the appearance of stability and firmness, the construction being perfectly sound.

The upper sashes are filled with stained glass all round the sash being very small

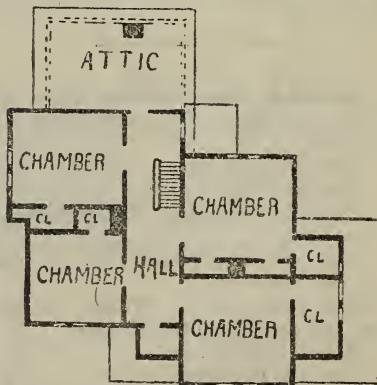
This kind of weather—open, wet, disagreeable, penetrating and damp—calls you to look closely after your stock.

lights of different colored glass, and the center light has the figure of a flower in white on blue ground. This manner of treating windows must be seen to be appreciated, and no blinds are used except on the lower sash, and when the blinds are closed it gives a mellow tone to the light of the interior.



GROUND FLOOR.

The back hall is reached by side porch, and the bathroom is placed, so that any one coming into the house can step into bathroom, and prepare the toilet before entering the main house; the second story rooms are full height, and there is a well lighted attic above. A laundry is provided in the cellar; also provision is made for the storage of fuel, etc. Cost. \$2,500.



SECOND STORY.

There are no blinds on this house, and some hold that outside blinds are neither useful nor ornamental. They are forever rattling on the outside and always in the way of curtains on the inside, and where we have mulion windows, they must be kept closed or they are in the way; and if we use outside blinds they are forever in the way of adding

a bit of detail here and a hood or a balcony there, which would add greatly to the effect of the whole. Rolling Venetian blinds should be used; they slide up and down and are out of the way, and will cover the whole or a part of the window, as required; but these are a little more expensive, you say, than ordinary inside blinds, but we can find a substitute which is equally as good—we can make a shade of heavy cloth, to roll up by pulling a cord, or, better still, slide it with rings on a bar.

The shades should fit the window, and hang flat and straight, or nearly so. The material may be cheap and coarse, and offers an excellent opportunity for embroidery, when it would show to good advantage. Rich browns are the most available colors, which might be either coarse jute cloth or burlaps. Then there is an endless variety of materials which may be used, according to taste and depth of pocket.—Palliser's American Architecture.

Every reader of this paper will have noticed what has been said weekly about Shallenberger's Antidote for Malaria. No statement has ever been made which is not strictly true and more than substantiated by experience. No testimonial has ever been published which is not genuine, and the original of which is not in our possession. If you are the victim of Malaria, don't trifle with Quinine, but get the Antidote and enjoy health. If your druggist don't keep it, send one dollar to Dr. A. T. Shallenberger, Rochester, Penna., and get it by mail.

Charles A. Green, the well known New York nurseryman, expresses himself as follows:

Plant one pear tree.

Plant the Wilder pear.

Plant two trees, the Wilder and the Bartlett.

Plant three trees, the Wilder, the Bartlett and the Anjou.

Plant four trees, the Wilder, the Bartlett, the Anjou and the Sheldon.

Plant one grapevine.

Plant the Delaware grape.

Plant two vines, the Delaware and the Worden.

Plant three vines, the Delaware, the Worden and the Brighton.

A wandering hunter in Iowa plugged and killed a \$300 Hambletonian the other day.

In wet weather, such as we have had all this winter, the barn y... should not be a "slough of despond" for man and beast.

WORK FOR WINTER.

American Agriculturist makes the following pertinent remarks on the horticulturist's duties during the winter season:

Young trees that were set out in earlier months may, on mild days, have a mound of earth twelve or fifteen inches high made around the lower part of the trunk. This will keep the tree steady better than stakes, and will prevent the attacks of mice. Rabbits should be trapped, snared or shot. They are acceptable on the table, and are now in good condition. If nursery trees are well heeled in, it will be best to leave them there, even if the weather tempt to plant them.

Cold frames that contain cabbage and other plants are more likely to be harmed by too much heat than too much cold. Give an abundance of airing on mild days. The object is to keep the plants dormant and not to encourage any growth. Spring work ought to be facilitated in all ways. Among these, late plowing. If grass land is to be broken up, haul out the manure. See to sashes and repair glass. Repair shutters for hot beds and frames. If there are not enough for every frame and a few extra, make them.

The chief work in the flower garden is to keep the grounds in good order. By repairing accidents as they occur, the work will not all come at once in spring and be of appalling amount. If a branch is broken, by storms or otherwise, remove it; saw off smoothly, and cover the wound with grafting wax, coarse paint, or some such material.

The plants are now all indoors, and, whether in greenhouse or window, take care that the insects do not get a foothold early in the season. If the plants were not properly cleaned before, make a job of it as soon as may be, in smoking with tobacco for the whole, then giving each individual plant its needed separate treatment. Smooth leaved plants, like ivy, should have a weekly washing with soap and water applied with a soft cloth. Follow this with water only. Keep up a succession of bulbs in flower by bringing the pots from the cellar, also hardy plants put in for this purpose. If desired, a good show of annuals may be made by a few pots of favorites of this kind. Sow some pots now and others a month later.

EARLY PEACHES.

The subject of early peaches was up for discussion not long ago at a meeting of Southern Illinois horticulturists, when the following opinions were expressed:

E. Holister—"I have found early peaches a nuisance. They rot badly, and later in the season would be pronounced unfit to eat. Nearly all these varieties, Amsden, Alexander, etc., are seedlings of the Hale's Early and are all alike. Georgia and other southern peach growing states have made the same mistake, and are suffering for it. About the first good peaches we get are Troth, Early York, George the Fourth and Mountain Rose."

J. M. Pearson—"I have always held that these early peaches were a nuisance, and think the best thing you who have the trees can do is to grub them out. If you market them people get so disgusted with them that they will not buy good peaches when they come to market."

E. A. Riehl—"I think Early York better than Troth, but I think Amelia and Flater's St. John earlier and better than any others that have been named. Have grown them and know them to be good."

ROOT CELLAR.

The Winter Storage of Vegetables and Fruits in Pits—A Western Root Cellar Illustrated and Described—The Winter Care of Tender Roses.

The practice of storing vegetables and fruits in the dwelling house cellar is a pernicious one, as a rule. In the first place, the health of the family is jeopardized. In the second place, the conditions of the average cellar are far from favorable to the best keeping of these perishable things. A plea is made in Popular Gardening for the old fashioned and inexpensive pit storage, from whence tender and juicy apples and plump fresh potatoes and roots are dug during winter and early spring, altogether different from the wilted stuff usually coming from the house cellar.

Pitting is a perfectly safe and easy thing if we make proper provision for ven-

In the household arrange all things to save as many steps as possible—each additional step makes the work more wearisome to mother.

Pleuro-Pneumonia AND Hog Cholera.

Dr. LEMAY, V. S. Late Inspector of Stock for the State of Maryland, says:

From a chemical analysis I find PROF JOHN'S STOCK POWDER to be the best remedy known for the prevention and cure of Pleuro-Pneumonia and Hog Cholera and confidently recommend it as a safe and beneficial tonic.

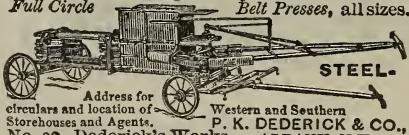
Sold by all Druggists, Merchants and Dealers throughout The United States and Canadas.

One Pound Package, 25 Cents.
Also, Put up in 25 lb. Boxes for Dairymen's Use
PREPARED ONLY BY

J. R. STONEBRAKER,
230 N. GREEN ST., BALTIMORE, MD.

DEDERICK'S HAY PRESSES.

Made of steel, lighter, stronger, cheaper, more power, everlasting and competition distanced. For proof order on trial, to keep the best and get any other alongside if you can. Reversible Full Circle Belt Presses, all sizes.



Address for
circulars and location of
Western and Southern
Storehouses and Agents.
P. K. DEDERICK & CO.,
No. 22 Dederick's Works, ALBANY, N.Y.



Plantation Engines

With Self-Contained
RETURN FLUE BOILERS,
FOR DRIVING

COTTON GINS AND MILLS.

Illustrated Pamphlet Free. Address

JAMES LEFFEL & CO.
SPRINGFIELD, OHIO,
or 110 Liberty St., New York.

Eggs for Hatching.

23 varieties of Poultry. Turkeys, Ducks &c.

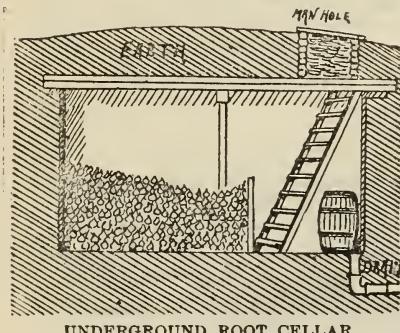
Poultry Food. Makes hens lay, keeps disease away.
Roup Pills. 16 yrs. experience. I guarantee it.

Horse, Cattle and Hog Condition Powders.

Used by a Veterinary for 30 yrs. One for each, not one for all, our success. Bone and Nerve Liniment for beast only White wrappers, and for Man and Beast Pink wrappers, used by Veterinary 30 yrs. Used by an M. D. 50 yrs. Before you buy—send stamp for circular.

HOMER H. HEWITT, Williamsburg, Pa.

tilation and sufficient protection against freezing, although apples and roots will usually come out all right even after being touched by frost, provided they are allowed to thaw gradually before they are taken out. In making a pit an excavation is dug in a well drained piece of ground eight to twelve inches deep, four feet wide and as long as required. The vegetables or apples are put in, and formed in a conical heap, then covered with nearly a foot of straw, laid smoothly up and down, and with a foot or so of soil upon this. A whisp of straw should reach from the heap clear through the soil covering on top for ventilation. At the approach of cold weather the heap is thickly covered with a layer of straw.



UNDERGROUND ROOT CELLAR.

An improvement, however, is suggested on this plan. Instead of putting the soil directly upon the straw covering, make shutters by nailing any sort of boards to cross pieces or cleats four to six inches wide, and standing at right angle against the boards. The latter should be about six feet long, the width of shutter about four feet. The vegetables are heaped up in a long pile wide at the bottom and coming to a point at the top. When covered with straw a foot deep, the shutters are placed against it cleats down. The straw should project over top edges of the shutters. Here we have a dead air space of several inches between the straw and the shutters. A layer of earth, thick enough to prevent all danger from freezing, is finally shoveled upon the boards, only the top between the shutters where the straw appears above the edges being left uncovered for ventilation until the approach of very severe weather. Then the most of this should be covered also. Rain and snow water must be kept out.

It is worthy a thought that the 27th year of the life of the Maryland Farmer is here—may it be prosperous.

Established 1832.

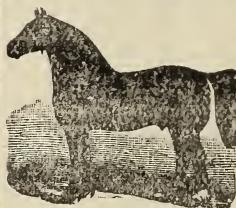
GEO. H. C. NEAL & SON,
DRY GOODS.

NEW STORE
S. E. Cor. Lexington St. and Park Ave.,
Baltimore, Md.

If you cannot visit us write for samples.

**“SHADELAND,” THE MOST
EXTENSIVE
Pure Bred Live Stock Establishment**

IN THE WORLD.



New Importations con-
stantly arriving.

Rare Individual Excel-
lence and Choicest
Breeding.

Breeders and Importers of

Clydesdales,	Standard Bred Trotters,
Percherons,	Carriage Horses,
French Drafts,	Saddle Horses,
English Shire	Welsh Ponies,
Belgian Drafts,	Iceland Ponies,
Suffolks,	Shetland Ponies,
French Coachers,	Holstein-Friesian
Cleveland Bays,	Cattle,
Hackneys,	Devon Cattle,
Also, Dealers in Real Estate.	

Our customers have the advantage of our many years experience in breeding and importing; Superior Qualities; Large Variety and Immense Collections; opportunity of Comparing Different Breeds; and Low Prices, because of Our unequaled Facilities, Extent of Business and Low Rates of transportation. No other Establishment in the World offers such advantages to the Purchaser. PRICES LOW! TERMS EASY! Visitors Welcome. Correspondence Solicited. Circulars Free.

POWELL BROS., Springboro, Crawford Co., Pa.

When writing please mention this paper.

SALESMEN WANTED AT ONCE.—
few good men to sell
our goods by sample to the wholesale
and retail trade. We are the largest
manufacturers in our line in the world. Liberal salary paid. Perma-
nent position. Money advanced for wages, advertising, etc. For full
terms address, Centennial Mfg. Co., Chicago, Ill., or Cincinnati, O.

1 Dozen Fine Lead Pencils with Gum in the
end, and The Amateur world 6 months, all
2 for 15 cents. Amateur World, Balto. Md.

Dr. Jekyll & Mr. Hyde. This wonderful Book
play is founded, and our paper 3 months for 10 cts.
Amateur World, 27 E. Pratt St. Baltimore, Md.

by a piece of board laid lengthwise over the top.

The root cellar shown in the cut, here reproduced from Popular Gardening, has proven successful in the west. An excavation is dug out seven or eight feet deep, about as wide, and twenty feet long, the top covered with stout poles or logs, and these with coarse hay, corn stalks or any available litter. This is sodded over with long strips of tough sod, and soil enough shoveled upon it to make the whole covering two feet thick. Of course an opening is provided for, either in the center or in a corner, and the entrance is effected by means of a ladder. A root cellar of the size named holds about 450 bushels of roots.

TOMATO CULTURE.

Useful Facts About Tomato Culture as Learned from Actual Tests and Experiments at the Agricultural Station of Cornell University.

The transplanting of young tomato plants when properly done is invaluable, and three or four transplantings are better than one. For home use handling in pots is recommended. Tomato plants, or any plants in fact, should not be shifted for the simple purpose of preventing overcrowding. Transplanting serves the purpose of maintaining a steady and symmetrical growth, and it should occur before the plant becomes checked from neglect. A tall and weak plant with a blossom on the top is not considered worth setting. It is a common mistake to set plants in the field too early.

The tomato is one of the most variable and inconstant of kitchen garden plants. At least half the varieties which have been offered in the last few years are practically the same as other varieties. Varieties of tomatoes are, as a rule, short lived. Ten years may be considered the average profitable life of a variety. The demand in tomatoes now calls for fruits which are regular in shape, solid and large, and plants which are productive.

There has been no gain in earliness for the species for many years, if at all, and little, if any, need be expected; yet comparative earliness between commercial varieties is an important consideration. Four-fifths of the varieties of tomatoes now offered by dealers possess no points of superiority for general culture. Nearly

Watch the work of the Legislature—you want laws which will benefit you—laws to break up trusts and lighten your burdens.

1890.

Harper's Young People.

AN ILLUSTRATED WEEKLY.

The Eleventh Volume of HARPER'S YOUNG PEOPLE, which begins with the Number for November 5, 1889, presents an attractive programme. It will offer to its readers at least four serials of the usual length, and others in two or three parts, namely, "The Red Mustang," by WILLIAM O. STODDARD; "Phil and the Baby," by LUCY C. LILLIE; "Prince Tommy," by JOHN RUSSELL CORYELL; and "Mother's Way," by MARGARET E. SANGSTER; two short serials by HJALMAR HJORTH BOYESEN. Two series of Fairy Tales will attract the attention of lovers of the wonder-world, namely, the quaint tales told by Howard Pyle, and so admirably illustrated by him, and another series in a different vein by Frank M. Bicknell. There will be short stories by W. D. Howells, Thomas Nelson Page, Mary E. Wilkins, Nora Perry, Harriet Prescott Spofford, David Ker, Hezekiah Butterworth, Sophie Swett, Richard Malcolm Johnston, etc.

A subscription to HARPER'S YOUNG PEOPLE secures a juvenile library. There is useful knowledge, also plenty of amusement.—Boston Advertiser.

TERMS: Postage Prepaid, \$2 00 Per Year

Vol. XI. begins November 5, 1889.

Specimen Copy sent on receipt of a two-cent stamp.

Single Numbers, Five Cents each.

Remittance should be made by Post-office Money Order or Draft, to avoid chance of loss

Newspapers are not to copy this advertisement without the express order of HARPER & BROTHERS.

Address:

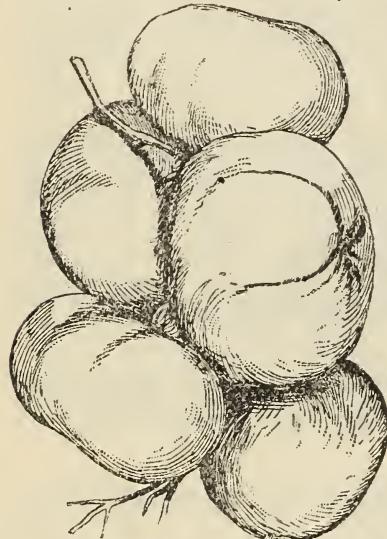
HARPER & BROTHERS, New York.

FRIENDS.

Our new departure will give you the opportunity to get us many new subscribers. Take advantage of it.

The Maryland Farmer,

eighty varieties were grown at the station this year, which is less than half the number grown last year; yet from these numbers, comprising in all some two hundred sorts, it is said that six could be selected which, for profit, would combine the merits of them all: Ignotum, Beauty (or Acne), Mikado, Perfection, Favorite, Potatoleaf. Or, for very early, perhaps Advance or Salzer, or Prelude may be added. The illustration is reduced from a photograph of an average cluster of Ignotum which weighed three and a quarter pounds.



AVERAGE CLUSTER OF IGNOTUM TOMATOES.

Briefly stated, the following points may be considered as established:

Frequent transplanting of the young plants and good tillage are necessary to best results.

Plants started under glass about ten weeks before transplanting into field gave fruit from a week to ten days earlier than those started two or three weeks later. Productiveness was greatly increased by the early planting.

Heavy manuring during the past season gave great increase in yield over no fertilizing, and did not appear to produce vine at the expense of fruit.

Solidity of fruit cannot be accurately measured either by weight or keeping qualities. Cooking qualities appear to be largely individual rather than varietal characteristics.

The six varieties above named appear to be among the best market tomatoes.

If you wish anything which can be sent by mail to you, write to the Maryland Farmer Purchasing Agency for it. See ad.

FOR RENT,

A good Farm on pike near Owings Mills. Address

H. D. RICHARDSON,
442 EAST FIRST STREET, BALTIMORE.

Emmart & Quartley,

HOUSE AND CHURCH

Decorators and Painters,

Fresco designs and estimates.

No. 206 PARK AVENUE. BALTIMORE, MD.

100 SONGS for a 2 cent stamp HOME & YOUTH, CADIZ, O.

The Hagerstown & 100 Year Almanac.

Both sent Postage free to any address on receipt of 15c in Postage Stamps.

Address, O. Swingley, Baltimore, Md.

SHORTHAND!

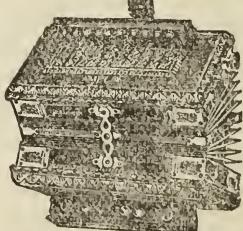
THE POND LILY Co., Cen. grant's first stenographer and last No. 520-8th St. N. W., Washington, D. C. secretary to conduct has arranged with its School of Shorthand. Lessons by mail. Send stamp for phonetic alphabet, free. Stenographers furnished on call Typewriters for sale or rent. For \$3 we send, charges paid 1 doz. (2 dozen, \$5) of that delight of the Capital City's elite.

WRIGHT'S POND LILY TOILET WASH.

JOHN F. STRATTON & SON,
43 & 45 Walker St. NEW YORK.



Patent June 7, 1871
SUBLIME HARMONIE



SOLO,
Duet Accordeon,
SILVER REED.



Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCANDISE,
VIOLINS, GUITARS, BANJOS, MANDOLINES,
Accordeons, Harmonicas, &c
All kinds of STRINGS, etc., etc.

WHITE IRON CYCLOPSA BUILDING.

Philippoteaux's

BATTLE OF GETTYSBURG

4,500,000 People.

Four and one half millions of people have visited this magnificent work of art in New York, Boston, Philadelphia and Chicago, and now you can see a sight which words cannot describe.

THE THIRD DAY'S BATTLE,

WITH

PICKETT'S FAMOUS CHARGE.

Now open, from 9 A.M. to 10 P.M.

Cyclorama Building, Hoffman Street,

Bet. Charles St. and Maryland Ave.

You will never regret the visit.

Three lines of Street Cars pass.

2,100 DOZEN
FREE!

2,100 Dozen pairs Ladies Fine Fall and Winter Hosiery given absolutely free to introduce the Household Companion. They are heavy, warm, well made, fashionable, solid colors, stripes, checks, all the popular shades cardinal, navy blue, scarlet, black, slate, etc. Many styles and colors to suit all tastes. Do 6 pairs \$3 to \$5 cts. for pair of Fall and Winter hose when you can get a dozen for nothing. The old reliable Household Companion, of New York, is a complete family paper richly illustrated, containing serial and short stories, romances, sketches, wit, humor, fashion, household hints, stories for children, &c., & ranks among the first Metropolitan Journals. Post-free, the entire lot (2,100 doz.) to be given away during the next 60 days. We also send the Household Companion 6 months free to 2,100 persons who will answer this advertisement and send us the address of 20 newspaper readers from different families. To the subscribers, or the list of 20 subscribers we send 1 dozen pairs of these beautiful and useful articles. We are determined to lead the race in premiums, hence we will not be beaten. If you send us a dozen fashionable, fine hosiery send 15 cts., in silver or stamps, to help pay postage, packing, &c., and names of 20 newspaper readers, and you will receive paper 6 months and the premium hose as described. Address, Household Companion, 257 Broadway, N. Y.



This Offer Was Never Equalled!

Minorcas
Langshans
WHITE Dorkings
and Red Caps

White P. Rocks, White Wyandottes, L. Brahmas, Buff Cochins, Pekin, and other Bantams, Pekin Ducks, Fancy Pigeons, &c. BEST INCUBATOR AND BROODER. Stamp for Circular. J. L. HARRIS, Cinnaminson, N. J.

White &

Black

ENGLISH

MY OWN

Imports

MASTIFF DOGS

AGENTS WANTED! To whom unusually liberal terms will be given to introduce our new book.

BIBLE BRILLIANTS:
MOTHER'S BIBLE STORIES

The greatest success of the year, and something entirely new in the book line. Royal Quarto: size, 9 $\frac{1}{2}$ x 11 $\frac{1}{2}$; finest of paper: large type; 320 illustrations, 68 full-page, 2 of them printed in nine colors; retail price only \$2.50. THOUSANDS WILL BE SOLD for Holiday Presents. Those first in the field will reap a harvest. Act quick or you will miss it.

FORSHEE & McMAKIN, Cincinnati, Ohio.

Books for Farmers.

The following books are published in neat pamphlet form, many of them handsomely illustrated, and they are printed from clear, readable type, upon good paper:

No. 1A. **Country Architecture.**—Containing designs and plans for houses, cottages, barns, and other outbuildings; also gates and fences, with valuable suggestions to those intending to build.

No. 2A. **The Stockbreeder's Guide.**—This work contains information of great value regarding the care and management, feeding and rearing of horses, cattle, sheep and hogs; directions for the cure of all diseases peculiar to them, and of all unruly and vicious habits, for the construction of necessary buildings and conveniences, etc., etc.

No. 3A. **The Whole Subject of Fertilizers.**—This important subject is fully treated in this book. Information is given as to the value of each of the various substances in their application to different crops and qualities of soil, likewise to the home manufacture and production of fertilizers, etc., etc.

No. 4A. **Fruit Culture for Profit.**—In this book is given a vast amount of useful information for growers of peaches, plums, pears, apples, cherries, quinces, grapes, strawberries, raspberries, blackberries, whortleberries, gooseberries, currants and cranberries; directions for pruning and grafting, care and management, and for curing disease, and eradicating pests, etc., etc.

No. 5A. **Success in the Garden.**—Contains valuable information regarding the successful growing of asparagus, celery, cauliflower, tomatoes, onions, squashes, melons, cucumbers, cabbages, parsley, snap beans, beets, radishes, mushrooms, etc.; directions for destroying garden pests, etc.

No. 6A. **The Great Staples.**—Contains valuable hints and useful suggestions regarding the culture of wheat, corn, potatoes, hay, etc.; treats of plowing, seedling, hoeing, weeding and harvesting, the diseases, and insect or other enemies of crops and the best methods of combating them, etc., etc.

No. 7A. **Home-made Farm Implements.**—Directions for making useful and labor-saving utensils, all of which are unpatented and may be easily made, are given in this book. Among them are harrows, hay elevators, weeding implements, tread powers, corn markers, clod-crushers, post-drivers, plow attachments, corn-shellers, road-scrappers, snow-plows, bag-holders, etc., etc.

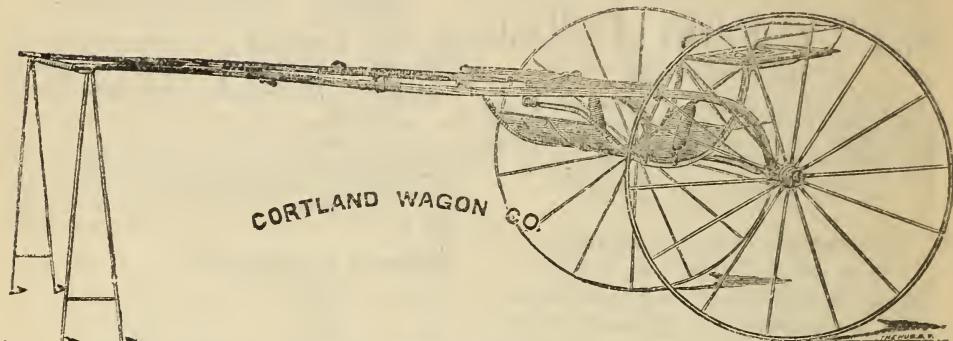
No. 8A. **Guide to Successful Poultry Keeping.**—This book gives the fullest information regarding the care and management of poultry, tells how and what to feed, how to make incubators, how to raise artificially-hatched chickens, how to cure all diseases of poultry; gives numerous designs and plans for appropriate pens, houses, coops and yards, directions for marketing, preserving eggs, canning, etc.

We will send any four of the above-described books by mail, post paid for 12 cents, or the eight books for 20 cents.

Address Maryland Farmer, Baltimore.

The above 8 Books given free as a Premium for one subscription.

THE CORTLAND ROAD CART.



CONSTRUCTION.

In the manufacture of this wonderful cart only the very best quality of everything is used: Wheels, Kenney patent, A 1 grade; axles steel, double collar, size $\frac{1}{4}$ inch; shafts, best second growth hickory, thoroughly seasoned, XXXX quality. The seat and body frame is constructed of T steel side pieces; bottom made of veneered wood, three thicknesses, thoroughly riveted to side pieces. The side pieces are connected in front under shafts with a joint, and are supported by means of two spiral springs, as shown in cut. These springs are made from best crucible steel, and twelve feet coiled in each; oil tempered; laminated wood seat bottom; forged iron seat rail; finished in the white; nicely striped, and full leather trimmed. This cart guaranteed in all parts.

Carefully Note These Points.

1. This easy-riding cart has no seat bars to climb over in getting in and out of the seat. This makes it desirable for all classes of people.
2. It is the only cart that can be adjusted to suit the road and the weight of the rider. Five seconds will produce this great result.
3. The bottom is solid, in preference to slats so commonly used, which protects driver from dust and mud.
4. Where other carts have from two to three foot spring, the Spiral has twenty-four foot springs, giving more elasticity than any other cart made.
5. It is the lightest draught cart in the market.
6. It balances perfectly.
7. It is free from horse motion.
8. A perfect beauty in appearance.

TO HORSEMEN.

A TEST.—Place two by four scantlings eight or ten feet apart on a road, and then drive over them as fast as your horse can trot or run. We will guarantee that the rider shall not be moved from the seat by such a severe test. Try any other cart and watch the result.

We guarantee the springs for five years. Should they break, we replace them free of charge. Ask any other manufacturer to give you such a warrantee and see what he will say.

If you are told that other carts have no horse motion, it is only when the horse is standing still, for with such carts you surely get a very unpleasant jerking motion, that is entirely avoided with our Spiral Spring Cart.

We have this cart with single and double seat. We also furnish, for doctors' use, a cart with box under the seat, adapted particularly for their profession.

Always buy a good article. Write for prices.

E. WHITMAN, SONS & CO.,

AGENTS FOR MARYLAND. - - -

27 E. PRATT ST.

BALTIMORE, MD.

PETER H. MORGAN,

Roofs of Houses, Railroad Cars, Decks of Steamboats Scows, &c., covered at Shortest Notice.

TIN AND SLATE ROOFING,

Old ROOFS repaired at moderate rates

ALL KINDS OF HYDRAULIC CEMENT WORK DONE.

ROOFING and CEMENT WORK,

STEAM BOILER and PIPE COVERING,

OIL, ACID and WATER TANKS and REFRIGERATOR LINING,

NO. 511 E. BALTIMORE ST.



1832.

1889.

▷ SCALES. ▷

HAY, CATTLE, PLATFORM and COUNTER SCALES.

A reputation of more than fifty years, the guarantee of our work; and prices as low if not lower than a similar article can be purchased elsewhere. Call before purchasing.

MARDEN SCALE WORKS,

Cor. S. CHARLES & BALDERSON STREETS, Baltimore, Md

Established over 20 Years.

J. F. PULLEN & Co..

Real Estate Brokers and Agents,

12 East Fayette, near Charles Street.

Old No. 75 West.

Property of all kinds Bought and Sold. Loans Negotiated at Lowest Rates.

Rent Collections made with Prompt Returns. Estates Settled &c.,

F FARMS FOR SALE.

Truck Farms. Fruit Farms. Homesteads.

All Kinds. All Prices. Easy Terms.

MARYLAND FARMER, BALTIMORE, MD

BURGLAR AND FIRE PROOF SAFE.

Size inside 15x10x10,

WEIGHT 600 POUNDS.

Outside 28x18x18.

THE PRICE IS \$26.50 INCLUDING THE MARYLAND FARMER ONE YEAR.

Retail price usually from \$40 to \$60.

Patent combination lock—non-pickable—three tumblers—three numbers. Inside finish complete, with ample space for books and papers, and treasury in upper left hand corner. Floor carpeted. First class finish outside, with name of purchaser, f. o. b. cars. Nothing like this opportunity has ever before been presented to our readers.

EVERY FARMER SHOULD HAVE ONE.



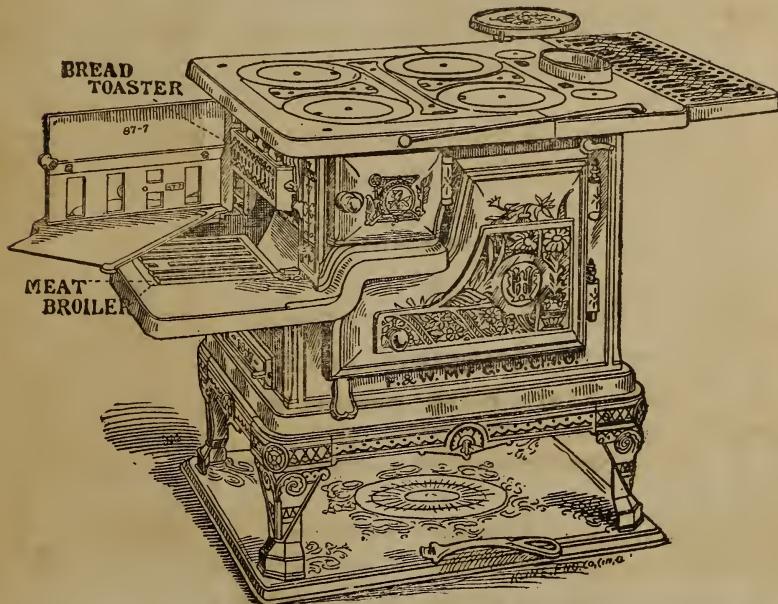
THE MARYLAND FARMER,
Baltimore, Md.

PREMIUM COOK STOVE

For Wood.

A Twenty Five Dollar Stove for \$15.00

Including The Maryland Farmer for one Year



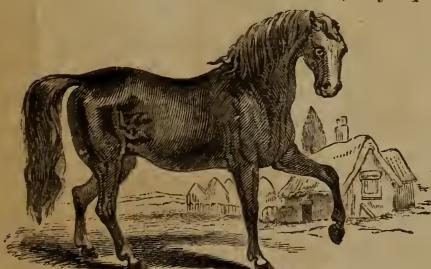
The Bread Toaster and Meat Broiler Included.

Oven, 18x20 inches—Holes, 8 inch—Fire box 23 inches long—Patent foot lever to open the oven door—All the latest improvements—The whole with splendid nickle finish and ornaments. Oven large enough to roast a turkey and bake bread at the same time. The cheapest, taking premium ever offered. Will be sent, also for 50 new subscribers at \$1.00 each.

The Amateur World for one year and the

TREATISE ON THE HORSE AND HIS DISEASES.

Their Cause, Symptoms and How to Cure them.



KENDALL.

1,700,000 - SOLD.

Will be sent free by mail on receipt of 25 cents in Stamps. Address,

The Amateur World,

BALTIMORE, MD.

Established 1865.

THE
MARYLAND FARMER
PURCHASING AGENCY,
27 E. Pratt St., Baltimore, Md.

Cash must in all cases accompany the order.

We guarantee satisfaction.

Many small articles are sent promptly by mail,
such as

Ladies' Hem-stitched Handkerchiefs 15c
The same, finer quality 25c
Colored Kid Gloves 69c, 75, 85, 95, 1.15. up.
Trimmings, Laces, etc., etc.,
Send also 1c an ounce for postage.

Nothing too large, nothing too small. Write
plainly just what you want; send money, post-
al notes, P. O. money orders, Express orders,
or drafts on any house in Baltimore, and there
will be no delay.

General Address:

MARYLAND FARMER,
Baltimore, Md.